

Aaron T. Buehne

757-559-5327
atbuehne@gmail.com

216 Oak Leaf Ct, Apt G Chesapeake, VA 23322

Education

- Virginia Commonwealth University, Richmond, VA Graduation Date: May 2019
 - Bachelor of Science in Computer Science
 - GPA: 3.5
- Old Dominion University, Norfolk, VA Expected Graduation Date: May 2021
 - Master of Science in Computer Science
 - Current GPA: 3.85
 - Relevant Coursework: Intro to Artificial Intelligence, Intro to Machine Learning

Computer Skills: Java, C, C++, Swift, SQL, Python, Perl

Tools/Software Skills: Android Studio, Xcode, React Native, Microsoft Office, Google Docs, Sheets, Forms

Academic Projects

Envera Chat Bot, Senior Design, VCU, Richmond, VA 08/18 - 04/19

- As a member of a three-person team, coded and consulted the creation of a telephone bot that can answer common questions and schedule doctor appointments using machine learning and AWS.

Android App Project, Software Engineering: Specification and Design, VCU, Richmond, VA 09/17 - 12/17

- As a member of a four-person team, designed and created an Android application that allows users to create quizzes for themselves and adjust settings such as pass rate and other options.

Mentorship and Internship Projects

- While attending a mentorship program at MITRE in Hampton VA, worked under a mentor to create an Android app that simulates an Android lock screen and records sensor data. Completed a machine learning python script that analyzes the sensor data using an SVM algorithm that decides whether the phone user was the owner of the phone or not
- During an internship with MITRE, worked with Colin Courtney and Hector Martinez on a project for the AFBES. Worked on a cross-platform prototype app using React Native and added test functionality such as qr code reading, offline database synchronization with a Microsoft Azure Database, and data encryption. Wrote documentation on the functionality added to give to the project team and sponsor.

Activities/Organizations

- Science Fiction and Fantasy Club at VCU (Fall 2016 - Spring 2019)
 - Treasurer of a student run organization from 2017 - 2018
- FIRST Robotics Team 2890 at Hickory High School (Fall 2012- Spring 2016)
 - Active member of a team to build a robot to compete in yearly challenged
 - Helped Review Code
 - Helped build the robots chassis and robot limbs

Work Experience

- Mentorship with MITRE - May 2018 to August 2018; 18 hours per week
- MITRE Graduate Intern - May 2019 to August 2019, May 2020 to August 2020; 40 hours per week
- ODU Graduate TA - August 2019 to present; 20 hours per week